

**IEC 60309-1:1999/AMD1:2005
(Amendment 1 to the fourth edition)**

**Plugs, socket-outlets and couplers for
industrial purposes –**

Part 1: General requirements

CORRIGENDUM 1

Table 3 – Size for connectable conductors

In the "Current A" column, "Series I", move value "125" to the line above, as follows:

Rating of the accessory				Internal connection ^{1) 5)}				External earthing connection if any	
Voltage V	Current A			Flexible cables for plugs and connectors Solid or stranded cables for appliance inlets ²⁾	Solid or stranded cables for socket-outlets ^{2) 6)}			Series I mm ²	Series II AWG/MCM ³⁾
	Series I	Series II	Other ratings	Series I mm ²	Series II AWG/MCM ³⁾	Series I mm ²	Series II AWG/MCM ³⁾		
Not exceeding 50	16	20		4 to 10	12 to 8	4 to 10	12 to 8		
	32	30		4 to 10	12 to 8	4 to 10	12 to 8		
Exceeding 50			6	0,75 to 1	18 to -	0,75 to 1,5	18 to 16	2,5	14
			10	1 to 1,5	- to 16	1 to 1,5	- to 16	2,5	14
	16	20	25	1 to 2,5	16 to 12	1,5 to 4	16 to 12	6	10
	32	30	40	1,5 to 4	16 to 12	2,5 to 6	14 to 10	6	10
			50	2,5 to 6	14 to 10	2,5 to 10	14 to 8	10	8
			60	4 to 10	12 to 8	4 to 16	12 to 6	10	8
	63	60	80	4 to 10	12 to 8	4 to 16	12 to 6	16	6
			90	6 to 16	10 to 6	6 to 25	10 to 4	25	4
	125	100	150	10 to 25	8 to 4	16 to 35	6 to 2	25	4
			160	10 to 25	8 to 4	16 to 35	6 to 2	25	4
			16 to 50	6 to 0	25 to 70	4 to 00	25	4	
			25 to 70	4 to 00	35 to 95	2 to 000	25	4	
			25 to 70	4 to 00	35 to 95	2 to 000	25	4	
	200		70 to 150	00 to 0000	70 to 185 ⁴⁾	00 to 250	25	4	

- 1) Terminal for pilot conductors, if any, shall allow the connection of conductors having a cross-sectional area of 1 mm².
- 2) Classification of conductors: according to IEC 60228.
- 3) The nominal cross-sectional areas of conductors are given in square millimetres (mm²). AWG/MCM values are considered as equivalent to mm² for the purpose of this standard.
AWG: American Wire Gauge is a system of identifying wires in which the diameters are in geometric progression between size 36 and size 0000.
MCM: Mille Circular Mills denotes circle surface area. 1 MCM = 0,5067 mm².
- 4) 150 mm² for 200 A accessories of series II.
- 5) For ratings other than those above, the cross-sectional area(s) of the conductors may be that specified by the manufacturer.
- 6) For socket-outlets declared for flexible conductors only, these values apply.